

Seventeenth Street  
 Denver, Colorado 80202  
 Phone 303 293 4444



1262258 - R8 SDMS

APR 27 1990

REGIONAL COUNSEL

Administrative Record

File Number

1040400

\*\*VIA FAX\*\*

Site East Helena  
 File # 1.04.04.00 and 2.06  
 Confidential: Yes ☐ No ☒  
 Admin. Record: Yes ☒ No ☐  
 Key Words/Comments: ARCO's partial  
response to 104(c) request  
and special not.

April 26, 1990

Sandra R. Moreno, Esq.  
 Suzanne Bohan, Esq.  
 U.S. Environmental Protection Agency  
 Region VIII, Suite 500  
 One Denver Place, 999 18th Street  
 Denver, Colorado 80202

Michael Goodstein, Esq.  
 U.S. Department of Justice  
 10th & Pennsylvania N.W.  
 Washington, D.C. 20530

Copy to:  
 MDHES (Greg M.)

Re: East Helena CERCLA Site

Dear Ms. Moreno, Ms. Bohan and Mr. Goodstein:

In my letter dated April 25, 1990 on the same subject, I stated we were securing an affidavit from Mr. Walt Unger, and were attempting to obtain additional affidavits from other former Anaconda employees, regarding the operation of the cooling water system at the zinc fuming plant in East Helena, while Anaconda operated that facility.

I enclose for your information copies of two affidavits, one from Mr. Unger and the other from Mr. A. B. Kane of Helena, former Superintendent of the zinc fuming plant. I hope these documents will be useful to you in considering our April 25 letter and request. If you have any further questions in this regard, please don't hesitate to call me at 303-293-4444.

Sincerely,

Jeffrey H. Desautels  
 Sr. Attorney

JHD:ghl  
 Attachments

cc: Cynthia S. Leap, Esq.  
 William O. Hart, Esq.  
 Dr. Richard Krablin  
 Robert L. Dent  
 Robert W. Lawrence, Esq.

A F F I D A V I T

STATE OF MONTANA

County of Silver Bow

)  
: ss.  
)

The undersigned, Walter H. Unger, having personal knowledge of the facts set forth below, affirms and states as follows.

1. I currently reside at 16100 Highway 10A West, Anaconda, Montana. I worked for The Anaconda Company for 28 years, 20 years as an environmental engineer.

2. During that time, I performed environmental engineering work at Anaconda's zinc fuming plant in East Helena, Montana. Most of my work concerned the bag house and air emissions. However, I also became generally familiar with the operations at that facility.

3. I have been provided with drawings depicting the cooling system at the zinc fuming plant. I have reviewed those drawings, and they indicate as follows.

4. Water was circulated through the plant for cooling purposes only. Originally, the system was designed with two ten-inch 2000 gallon-per-minute pumps. Later, these two pumps were removed and a 5000 gallon-per-minute pump was installed. The water was brought into the zinc fuming furnace from Lower Lake and was circulated into cooling jackets surrounding the furnace in a closed-loop system. These jackets were designed to transfer heat from the furnace to the water. The system was designed so that no cooling water would escape from the closed-loop system and so that no material would be discharged into the cooling wa-



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ter. The heated water was then returned to Lower Lake. The system was designed such that the water that was being returned to Lower Lake from the cooling system would contain only those materials that were in the water when it was removed from Lower Lake.

Further affiant sayeth not.

Walter H. Unger  
Walter H. Unger

Subscribed and sworn to before me this 25<sup>th</sup> day of April,  
1990.

Michelle J. Miller  
Notary Public for the State of Montana  
Residing at Butte, Montana  
My Commission Expires: 2/6/93

0200425A

0200676

A F F I D A V I T

STATE OF MONTANA

County of Lewis and Clark

)  
: ss.  
)

The undersigned, A.B. (Bert) Kane, having personal knowledge of the facts set forth below, affirms and states as follows.

1. I currently reside at 1709 Broadway in Helena, Montana. I was employed by The Anaconda Company for 36 years, first as a chemist, then as Assistant Superintendent, then as Superintendent at the zinc fuming plant in East Helena, Montana.

2. In my work at the zinc fuming plant, I became thoroughly familiar with the cooling water system. The system operated as follows.

3. Water was pumped from Lower Lake and was circulated through the plant in cooling jackets in a closed-loop system. The water was pumped into the bottom of jackets completely surrounding the furnace and exited from the jackets at the top of the furnace. The system was designed to transfer heat from the furnace to the water. The water was kept in its own piping system and was designed so that no cooling water would escape from the system and so that no material would be discharged into the cooling water. The heated water was returned to Lower Lake.

4. There were no other discharges into Lower Lake other than non-contact cooling water from the plant. The only materials that would have been contained in the water discharged into





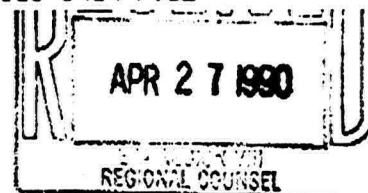
05/03/1990 14:25 FROM EPA Reg8 REGIONAL COUNSEL TO

8 585 5434 P.02

0200679

Legal  
555 Seventeenth Street  
Denver, Colorado 80202  
Telephone 303 293 4444

Jeffrey H. Desautels  
Senior Attorney



**\*\*VIA FAX\*\***

April 26, 1990

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My Commission Expires: 2/6/93

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County of Lewis and Clark )

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